

# SINGULATOR 1LR (SINGLE LANE ROLLER COUNTING SYSTEM)



## APPLICATIONS

- Bulk products are loaded manually or automatically into the large hopper area that utilizes a conveyor to transfer the product to the next stage.
- This machine separates bulk products into single file, then can precisely count the products as they are grouped into the next stage, such as a holding hopper, or integrated into another machine such as a bagger or cartoner.
- This versatile Singulator can handle a wide variety of products with minimal change over between. Ranging from chip bags, snack packs, pre-wrapped candies products, and much more. Making it the perfect machine for creating variety packs or counting a single product into bulk packages.
- The rollers work together to accurately space the products from each other as they increase or decrease individual speeds to either push or pull the products apart to ensure precise counts are met.
- Once separated, items can be counted and loaded into the product collection area, the trap doors open to drop the exact number of products into the desired box, case, bag, or carton before quickly closing to collect the next batch, ensuring a constant flow of products.



## FEATURES

- The Singulator rollers are equipped with a curved dust shield that keeps the products contained while protecting the roller mechanisms from dust build-up, built in hinges to expose the rollers for inspection or easy changeover.
- Touchscreen control area that makes product dimension and desired count programming easy and accessible.
- Advanced sensors that monitor the flow of product to communicate with the rollers while also ensuring the correct count is being achieved in the drop area.
- Reject and inspections systems available as options.



# SINGULATOR 1LR ROLLER COUNTING SYSTEM

Example of full system to create variety packs (7-lanes)



Example of full system with palletizer & individual check weighers to verify every product meets weight targets (5-lanes)

